

Dr Johan Schoeman
 Air quality Manager
 Eden District Municipality
 PO Box 12
 George
 6530

Date:
 17 March 2021

Enquiries:
 021 941 5856

Ref: GOU/2021/02

Dear Dr Schoeman

GOURIKWA POWER STATION'S MONTHLY EMISSIONS REPORT FOR THE MONTH OF FEBRUARY 2021

This serves as the monthly report required in terms of Section 9 in Gourikwa Power Station's Atmospheric Emission License (WCCT036). The emissions are for the month of February, these being SO₂, CO₂, PM and NO_x (as NO₂).

1. Raw Materials and Products

Table 1. Quantity of Raw Materials and Products used/produced for the month of February 2021.

Raw Materials and Products used	Raw Material Type	Unit	Maximum Permitted Consumption/ Rate (Quantity)	Total consumption in Month of February
	Fuel Diesel	Tons/hour/unit	40	44 994 802.45
Production Rates	Product/ By-Product Name	Unit	Maximum Production Capacity Permitted per unit (MW)	Total production/Power sent out in Month of January
	Energy	MWh/ /unit	170	143191.06
	Fuel use per hour per unit (L)		Fuel efficiency Litres per MWH	
	Unit 11: 35 761 Unit 12: 33 634 Unit 13: 33 195 Unit 21: 35 481 Unit 22: 35 803		Unit 11: 318.79 Unit 12: 311.99 Unit 13: 304.73 Unit 21: 318.21 Unit 22: 316.19	

2. Abatement Technology

Table 2. Abatement Equipment Control Technology availability for the month of February

Associated Unit	Technology Type	Actual Utilisation (%) for the month of February
Unit 11	Low NOx burners	100%
Unit 12	Low NOx burners	100%
Unit 13	Low NOx burners	100%
Unit 21	Low NOx burners	100%
Unit 22	Low NOx burners	100%

3. Emissions Reporting

Table 3a: Total monthly emission rates and Licence limits

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
Hourly Licence Limit mg/Nm³			250	50	500
Unit11					
	2021/02/01 16:00	0.9	149	0.1	0.2
	2021/02/01 17:00	0.1	130	0.1	0
	2021/02/01 18:00	0	119	0.1	0
	2021/02/01 19:00	0.1	112	0.1	0
	2021/02/01 20:00	0.8	121	0.1	0.1
	2021/02/01 21:00	0.6	127	0.1	0
	2021/02/01 22:00	0.5	124	0.1	0
	2021/02/01 23:00	0.5	125	0.1	0.1
	2021/02/02 11:00	1.1	155	0.1	6.2
	2021/02/02 12:00	0.7	142	0.1	0.2
	2021/02/02 13:00	0.8	142	0.1	0.7
	2021/02/02 14:00	0.8	140	0.8	0.8
	2021/02/02 15:00	1	142	1	0.8
	2021/02/02 16:00	0.4	141	0.1	0.2
	2021/02/02 17:00	0.5	140	0.1	0.8
	2021/02/02 18:00	0.5	142	0.1	0.2
	2021/02/02 19:00	0.6	146	0.1	0.3
	2021/02/02 20:00	0.4	137	0.1	0
	2021/02/02 21:00	0.6	146	0.1	0
	2021/02/02 22:00	0.4	129	0.1	0
	2021/02/03 11:00	0.8	146	0.1	4.6
	2021/02/03 12:00	0.5	121	0.1	0.2
	2021/02/03 13:00	0.3	123	0.1	0.1
	2021/02/03 14:00	0.5	121	0.7	0.2
	2021/02/03 15:00	0.6	116	1.5	0.1
	2021/02/03 16:00	0.4	125	0.1	0.3

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/03 17:00	0.3	118	0.1	0
	2021/02/03 18:00	0.5	112	0.1	0
	2021/02/03 19:00	0.5	108	0.1	0.2
	2021/02/03 20:00	1.2	119	0.1	0.3
	2021/02/03 21:00	1.1	116	0.1	0.8
	2021/02/04 12:00	0.4	129	0.1	0
	2021/02/04 13:00	0.1	115	0.1	0
	2021/02/04 14:00	0.1	97	0.5	0
	2021/02/04 15:00	0.2	99	0.8	0.1
	2021/02/04 16:00	0.9	121	0.1	0.1
	2021/02/04 17:00	0.7	116	0.1	0.2
	2021/02/04 18:00	0.7	100	0.1	0
	2021/02/04 19:00	0.8	114	0.1	0
	2021/02/04 20:00	0.6	117	0.1	0.1
	2021/02/04 21:00	0.9	113	0.1	0.1
	2021/02/04 22:00	0.6	107	0.1	0.2
	2021/02/04 23:00	0.7	113	0.1	0.4
	2021/02/05 00:00	0.6	115	0.1	0.2
	2021/02/05 05:00	0	129	0.1	0
	2021/02/05 06:00	0.1	122	0.1	0
	2021/02/05 07:00	0.2	121	0.1	0.2
	2021/02/05 08:00	0.4	110	0.1	0.3
	2021/02/05 09:00	0.2	120	0.1	1
	2021/02/05 10:00	0.3	121	0.1	1.2
	2021/02/05 11:00	0.3	123	0.1	1.6
	2021/02/05 12:00	1.1	127	0.1	0.6
	2021/02/05 13:00	1	110	0.1	0.3
	2021/02/05 14:00	1.1	95	0.7	1.2
	2021/02/05 15:00	1.3	121	1.2	0.3
	2021/02/05 16:00	0.1	91	0.1	0.1
	2021/02/05 17:00	0.2	97	0.1	0
	2021/02/05 18:00	0.1	108	0.1	0
	2021/02/05 19:00	0.2	96	0.1	0.1
	2021/02/05 20:00	1	110	0.1	0
	2021/02/05 21:00	1	105	0.1	0
	2021/02/05 22:00	0.9	84	0.1	0
	2021/02/05 23:00	0.9	102	0.1	0
	2021/02/06 11:00	0.2	100	0.1	0.2
	2021/02/07 18:00	0.1	132	0.1	0
	2021/02/07 19:00	0.2	135	0.1	0.3
	2021/02/07 20:00	0.7	127	0.1	0.7
	2021/02/07 21:00	0.8	100	0.1	0.3
	2021/02/07 22:00	0.9	99	0.1	0.2
	2021/02/07 23:00	0.8	111	0.1	0.6
	2021/02/08 07:00	0.9	110	0.1	0.1

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/08 08:00	0.6	101	0.1	0.9
	2021/02/08 09:00	0.8	108	0.1	2.3
	2021/02/08 10:00	0.9	112	0.1	4.7
	2021/02/08 11:00	0.9	123	0.1	5.8
	2021/02/08 12:00	0.6	138	0.1	0.2
	2021/02/08 13:00	1	133	0.2	1.6
	2021/02/08 14:00	0.9	132	0.9	0.3
	2021/02/08 15:00	0.8	130	2	0.4
	2021/02/08 16:00	0.4	119	0.1	1.1
	2021/02/08 17:00	0.6	108	0.1	1.3
	2021/02/08 18:00	0.1	110	0.1	0.6
	2021/02/08 19:00	0.3	105	0.1	0.4
	2021/02/08 20:00	1.3	114	0.1	0.9
	2021/02/08 21:00	1.2	111	0.1	1
	2021/02/08 22:00	1.6	94	0.1	1.5
	2021/02/08 23:00	1.1	108	0.1	1.3
	2021/02/09 00:00	0.2	122	0.1	0.1
	2021/02/09 01:00	0.3	106	0.1	0.2
	2021/02/09 07:00	0.7	130	0.1	0.3
	2021/02/09 08:00	0.2	97	0.1	0.2
	2021/02/09 09:00	0.1	112	0.1	1.5
	2021/02/09 10:00	0.1	111	0.1	3.1
	2021/02/09 11:00	0.4	122	0.1	3.1
	2021/02/09 12:00	1.5	115	0.1	1.3
	2021/02/09 13:00	1.3	124	0.1	1
	2021/02/09 14:00	1.4	127	1.2	0.8
	2021/02/09 15:00	1.4	126	1.4	0.4
	2021/02/09 16:00	0.5	118	0.1	0.1
	2021/02/09 17:00	0.5	115	0.1	0.3
	2021/02/09 18:00	0.4	115	0.1	0
	2021/02/09 19:00	0.3	109	0.1	0.2
	2021/02/09 20:00	0.7	115	0.1	0.2
	2021/02/09 21:00	0.9	106	0.1	0.2
	2021/02/09 22:00	1.1	95	0.1	0.5
	2021/02/09 23:00	1.3	109	0.1	0.7
	2021/02/10 00:00	1.2	119	0.1	0.2
	2021/02/10 03:00	1.3	100	0.1	0.7
	2021/02/10 04:00	0.3	89	0.1	0.1
	2021/02/10 05:00	0.2	93	0.1	0.1
	2021/02/10 06:00	0.4	89	0.1	0.6
	2021/02/10 07:00	0.4	100	0.1	1.3
	2021/02/10 08:00	0.2	97	0.1	0
	2021/02/10 09:00	0	97	0.1	0
	2021/02/10 10:00	0	107	0.1	0.2
	2021/02/10 11:00	0.2	112	0.1	0.3

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/10 12:00	0.9	111	0.1	0.3
	2021/02/10 13:00	0.8	104	0.1	0.2
	2021/02/10 14:00	1.2	92	0.8	0.1
	2021/02/10 15:00	1.3	102	0.7	0.2
	2021/02/10 16:00	1	101	0.1	0.4
	2021/02/10 17:00	0.3	98	0.1	0
	2021/02/10 18:00	0.6	106	0.1	0
	2021/02/10 19:00	0.7	109	0.1	0.1
	2021/02/10 20:00	0.7	99	0.1	0.2
	2021/02/10 21:00	0.9	101	0.1	0.3
	2021/02/10 22:00	0.9	94	0.1	0.3
	2021/02/10 23:00	1	112	0.1	0.4
	2021/02/11 10:00	0.4	129	0.1	0.5
	2021/02/11 11:00	0.2	128	0.1	0.2
	2021/02/11 12:00	0.7	125	0.1	1
	2021/02/11 13:00	1	125	0.1	1.5
	2021/02/11 14:00	1	115	0.9	1.7
	2021/02/11 15:00	1	108	0.8	3.1
	2021/02/11 16:00	1.1	110	0.1	0.2
	2021/02/11 17:00	0.8	101	0.1	0
	2021/02/11 18:00	0.6	105	0.1	0
	2021/02/11 19:00	0.6	105	0.1	0.1
	2021/02/11 20:00	0.7	90	0.1	0.1
	2021/02/11 21:00	1.3	85	0.1	0.2
	2021/02/11 22:00	1.3	89	0.1	0.6
	2021/02/11 23:00	0.9	95	0.1	0.2
	2021/02/12 13:00	0.4	120	0.1	0.1
	2021/02/12 14:00	0.2	120	0.1	0.1
	2021/02/12 15:00	0.4	113	0.3	0.3
	2021/02/12 16:00	1	88	0.1	1
	2021/02/12 17:00	0.8	86	0.1	0.6
	2021/02/12 18:00	0.6	95	0.1	0.7
	2021/02/12 19:00	0.8	88	0.1	0.4
	2021/02/12 20:00	1.5	100	0.1	0.7
	2021/02/12 21:00	1.1	106	0.1	0.3
	2021/02/12 22:00	1.2	106	0.1	0.2
	2021/02/12 23:00	1.2	108	0.1	0.3
	2021/02/13 00:00	1.2	115	0.1	0.1
	2021/02/13 15:00	0.8	98	0.9	0.4
	2021/02/13 16:00	0.7	86	0.1	0.2
	2021/02/13 17:00	0.4	92	0.1	0.1
	2021/02/13 18:00	0.3	87	0.1	0.1
	2021/02/13 19:00	0.4	104	0.1	0.3
	2021/02/13 20:00	1.1	121	0.1	0
	2021/02/13 21:00	1.1	105	0.1	0

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/13 22:00	1.1	108	0.1	0
	2021/02/19 21:00	0	136	0.1	0
	2021/02/20 06:00	0.3	118	0.1	0.2
	2021/02/20 07:00	0.2	131	0.1	0.4
	2021/02/20 08:00	1.1	138	0.1	0.2
	2021/02/20 09:00	1.2	114	0.1	0.2
	2021/02/20 10:00	1.1	110	0.1	1.1
	2021/02/20 11:00	1.1	133	0.1	1.3
	2021/02/20 12:00	1	143	0.1	0.3
	2021/02/20 13:00	1	130	0.1	0.8
	2021/02/20 14:00	1.2	133	0.6	1.2
	2021/02/20 15:00	1.3	129	0.1	1.1
	2021/02/20 16:00	0.6	142	0.1	0.3
	2021/02/20 17:00	0.7	142	0.1	0.4
	2021/02/20 18:00	0.6	129	0.1	0.1
	2021/02/20 19:00	0.5	114	0.1	0.2
	2021/02/20 20:00	0.9	135	0.1	0.2
	2021/02/20 21:00	1.3	122	0.1	0.2
	2021/02/20 22:00	1.5	95	0.1	0.2
	2021/02/21 00:00	0.5	118	0.1	0.6
	2021/02/21 01:00	0.6	128	0.1	0.4
	2021/02/21 18:00	0.2	113	0.1	0.1
	2021/02/21 19:00	0.2	114	0.1	0.2
	2021/02/21 20:00	0.5	111	0.1	0.2
	2021/02/21 21:00	1.1	92	0.1	0.9
	2021/02/21 22:00	1.1	104	0.1	1.3
	2021/02/21 23:00	1	114	0.1	0.4
	2021/02/22 00:00	1.1	115	0.1	0
	2021/02/22 01:00	1.1	111	0.1	0
	2021/02/22 10:00	0.9	140	0.1	2.1
	2021/02/22 11:00	0.5	122	0.1	2.7
	2021/02/22 12:00	0.9	96	0.1	2.4
	2021/02/22 13:00	1.1	105	0.2	3
	2021/02/22 14:00	1	113	0.8	3.3
	2021/02/22 15:00	1.1	108	0.8	3.6
	2021/02/22 16:00	0.6	98	0.1	0.1
	2021/02/22 17:00	0.6	104	0.1	0
	2021/02/22 18:00	0.3	99	0.1	0
	2021/02/22 19:00	0.3	112	0.1	0.3
	2021/02/22 22:00	0.7	124	0.1	1.6
	2021/02/22 23:00	0.8	118	0.1	1.4
	2021/02/23 16:00	0.2	114	0.1	0.2
	2021/02/23 17:00	0.2	87	0.1	0
	2021/02/23 18:00	0.2	93	0.1	0.1
	2021/02/23 19:00	0.7	99	0.1	0.1
	2021/02/23 20:00	0.6	128	0.1	0.3

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/23 21:00	1	124	0.1	0.7
	2021/02/23 22:00	1.3	112	0.1	0.3
	2021/02/23 23:00	1	124	0.1	0.4
	2021/02/24 00:00	1.1	130	0.1	0.9
	2021/02/24 06:00	0	112	0.1	0
	2021/02/24 07:00	0.2	110	0.1	0.2
	2021/02/24 08:00	0.6	91	0.1	1
	2021/02/24 09:00	0.8	109	0.1	1.8
	2021/02/24 10:00	1.1	119	0.1	2.3
	2021/02/24 11:00	1.2	130	0.1	3.1
	2021/02/24 12:00	0.7	129	0.1	0.3
	2021/02/24 13:00	0.5	104	0.3	1
	2021/02/24 14:00	0.4	119	0.9	0.9
	2021/02/24 15:00	0.6	102	0.5	1
	2021/02/24 16:00	1.4	118	0.1	0.1
	2021/02/24 17:00	1.2	112	0.1	0.2
	2021/02/24 18:00	1.2	94	0.1	0.1
	2021/02/24 19:00	1.6	91	0.1	0.1
	2021/02/24 20:00	1.5	105	0.1	0.2
	2021/02/24 21:00	1.8	107	0.1	0.9
	2021/02/24 22:00	1.4	105	0.1	0.8
Unit 12	2021/02/01 16:00	1.7	138	0.1	1.3
	2021/02/01 17:00	1.1	120	0.1	1.6
	2021/02/01 18:00	1	110	0.1	1.7
	2021/02/01 19:00	1.1	102	0.1	2.2
	2021/02/01 20:00	0.9	112	0.1	1.5
	2021/02/01 21:00	0.8	116	0.1	1
	2021/02/01 22:00	1	115	0.1	1
	2021/02/01 23:00	1	113	0.1	1.1
	2021/02/02 12:00	0.9	131	0.1	2
	2021/02/02 13:00	1	131	0.1	0.1
	2021/02/02 14:00	1.1	126	0.2	0.2
	2021/02/02 15:00	1.2	134	0.3	0.2
	2021/02/02 16:00	1	131	0.1	0.2
	2021/02/02 17:00	1.1	133	0.1	0.1
	2021/02/02 18:00	1.1	133	0.1	0.1
	2021/02/02 19:00	0.9	134	0.1	0.2
	2021/02/02 20:00	0.9	127	0.1	0.7
	2021/02/02 21:00	0.7	137	0.1	1
	2021/02/02 22:00	0.5	116	0.1	0.9
	2021/02/03 11:00	1.4	132	0.1	1.3
	2021/02/03 12:00	1.2	124	0.1	0.9
	2021/02/03 13:00	1.3	125	0.1	0.7
	2021/02/03 14:00	1.2	123	0.2	0.7
	2021/02/03 15:00	1.2	111	0.3	0.6

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/03 16:00	0.8	110	0.1	0.5
	2021/02/03 17:00	0.7	106	0.1	0.7
	2021/02/03 18:00	0.7	104	0.1	0.9
	2021/02/03 19:00	0.7	102	0.1	0.7
	2021/02/03 20:00	1.4	115	0.1	1.1
	2021/02/03 21:00	1.5	113	0.1	0.9
	2021/02/03 22:00	1.2	89	0.1	1
	2021/02/05 05:00	0.4	120	0.1	0.2
	2021/02/05 06:00	0.4	113	0.1	0.2
	2021/02/05 07:00	0.4	115	0.1	0.2
	2021/02/05 08:00	0.5	93	0.1	0.7
	2021/02/05 09:00	1.1	118	0.1	1.2
	2021/02/05 10:00	1.1	115	0.1	1.3
	2021/02/05 11:00	1.1	114	0.1	1.8
	2021/02/05 12:00	1.1	117	0.1	1.5
	2021/02/05 13:00	0.9	98	0.1	0.1
	2021/02/05 14:00	0.7	85	0.2	0.2
	2021/02/05 15:00	0.9	105	0.3	0.3
	2021/02/05 16:00	0.7	88	0.1	0.1
	2021/02/05 17:00	0.7	94	0.1	0.1
	2021/02/05 18:00	0.8	99	0.1	0.1
	2021/02/05 19:00	0.7	91	0.1	0.2
	2021/02/05 20:00	0.9	84	0.1	0.7
	2021/02/05 21:00	1	90	0.1	0.7
	2021/02/05 22:00	0.8	80	0.1	0.7
	2021/02/05 23:00	0.9	88	0.1	0.6
	2021/02/06 10:00	1.1	113	0.1	0.8
	2021/02/07 18:00	1.3	126	0.1	0.6
	2021/02/07 19:00	0.8	131	0.1	0.7
	2021/02/07 20:00	0.8	130	0.1	0.7
	2021/02/07 21:00	0.6	94	0.1	0.3
	2021/02/07 22:00	0.6	93	0.1	0.3
	2021/02/08 07:00	0.9	99	0.1	1.6
	2021/02/08 08:00	0.9	101	0.1	1.4
	2021/02/08 09:00	1.3	101	0.1	2.2
	2021/02/08 10:00	1.3	100	0.1	2.6
	2021/02/08 11:00	1.4	109	0.1	3
	2021/02/08 12:00	1.4	138	0.1	2
	2021/02/08 13:00	1.5	133	0.1	0.6
	2021/02/08 14:00	1.6	132	0.2	0.5
	2021/02/08 15:00	1.4	131	0.3	0.5
	2021/02/08 16:00	1.2	128	0.1	0.8
	2021/02/08 17:00	1.2	118	0.1	1
	2021/02/08 18:00	1.2	119	0.1	0.9
	2021/02/08 19:00	1.2	119	0.1	0.9
	2021/02/08 20:00	1.5	118	0.1	1.2

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/08 21:00	1.6	117	0.1	1.3
	2021/02/08 22:00	1.5	105	0.1	1.3
	2021/02/08 23:00	1.5	112	0.1	1.3
	2021/02/09 00:00	1.2	117	0.1	1.2
	2021/02/09 01:00	0.8	99	0.1	0.5
	2021/02/09 05:00	1.3	122	0.1	1.9
	2021/02/09 06:00	1.2	118	0.1	1.9
	2021/02/09 07:00	1.3	116	0.1	1.9
	2021/02/09 08:00	1.3	110	0.1	1.9
	2021/02/09 09:00	1.8	117	0.1	2
	2021/02/09 10:00	2	119	0.1	2.7
	2021/02/09 11:00	2.1	124	0.1	2.8
	2021/02/09 12:00	1.5	124	0.1	1.7
	2021/02/09 13:00	1	120	0.1	0.4
	2021/02/09 14:00	1	120	0.2	0.4
	2021/02/09 15:00	0.9	121	0.3	0.4
	2021/02/09 16:00	1.1	121	0.1	0.7
	2021/02/09 17:00	1.5	123	0.1	0.9
	2021/02/09 18:00	1.5	121	0.1	0.7
	2021/02/09 19:00	1.5	117	0.1	0.9
	2021/02/09 20:00	1.4	120	0.1	0.7
	2021/02/09 21:00	1.2	110	0.1	0.6
	2021/02/09 22:00	1.3	111	0.1	0.6
	2021/02/09 23:00	1.6	116	0.1	0.7
	2021/02/10 00:00	1.5	118	0.1	0.9
	2021/02/10 03:00	1.4	93	0.1	1.3
	2021/02/10 06:00	1.8	101	0.1	1.8
	2021/02/10 07:00	1.4	94	0.1	1.6
	2021/02/10 08:00	1.5	120	0.1	1.4
	2021/02/10 09:00	1.7	102	0.1	1.5
	2021/02/10 10:00	2	103	0.1	2.5
	2021/02/10 11:00	1.9	97	0.1	2.4
	2021/02/10 12:00	1.5	103	0.1	1.8
	2021/02/10 13:00	1	90	0.1	0.2
	2021/02/10 14:00	0.9	86	0.2	0.1
	2021/02/10 15:00	0.9	87	0.3	0.1
	2021/02/10 16:00	1	88	0.1	0.5
	2021/02/10 17:00	1.3	86	0.1	4.4
	2021/02/10 18:00	1.5	95	0.1	0.3
	2021/02/10 19:00	1.9	111	0.1	0.5
	2021/02/10 20:00	1.3	110	0.1	1
	2021/02/10 21:00	0.8	91	0.1	1.3
	2021/02/10 22:00	0.6	78	0.1	1.4
	2021/02/10 23:00	0.7	84	0.1	1.4
	2021/02/11 10:00	0.9	116	0.1	1.1
	2021/02/11 11:00	1.2	119	0.1	1.9

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/11 12:00	1.2	120	0.1	1.6
	2021/02/11 13:00	1.4	119	0.1	0.6
	2021/02/11 14:00	1.4	112	0.2	0.7
	2021/02/11 15:00	1.5	98	0.3	0.6
	2021/02/11 16:00	1.4	100	0.1	0.6
	2021/02/11 17:00	1.5	91	0.1	0.7
	2021/02/11 18:00	1.5	82	0.1	0.7
	2021/02/11 19:00	1.4	98	0.1	0.6
	2021/02/11 20:00	1.2	81	0.1	0.7
	2021/02/11 21:00	1.5	75	0.1	0
	2021/02/11 22:00	1.2	77	0.1	0.1
	2021/02/11 23:00	1.2	86	0.1	0.2
	2021/02/12 13:00	1.7	111	0.1	2.2
	2021/02/12 14:00	1.7	111	0.1	2.2
	2021/02/12 15:00	1.7	112	0.2	2.4
	2021/02/12 16:00	1.6	111	0.1	2.1
	2021/02/12 17:00	1.4	110	0.1	0.2
	2021/02/12 18:00	1.5	110	0.1	0.2
	2021/02/12 19:00	1.4	110	0.1	0.2
	2021/02/12 20:00	1.5	109	0.1	0.3
	2021/02/12 21:00	1.4	112	0.1	0.4
	2021/02/12 22:00	1.4	113	0.1	0.4
	2021/02/12 23:00	1.4	114	0.1	0.4
	2021/02/13 00:00	1.4	114	0.1	1
	2021/02/13 17:00	0.8	90	0.1	0.4
	2021/02/13 18:00	0.7	81	0.1	0.5
	2021/02/13 19:00	0.8	103	0.1	0.4
	2021/02/13 20:00	0.8	102	0.1	0.5
	2021/02/13 21:00	0.8	84	0.1	0.6
	2021/02/13 22:00	0.8	93	0.1	0.6
	2021/02/19 21:00	0.6	122	0.1	0.2
	2021/02/20 06:00	1.8	104	0.1	1.8
	2021/02/20 07:00	1	122	0.1	1.4
	2021/02/20 08:00	1.1	129	0.1	1.5
	2021/02/20 09:00	1	106	0.1	0.1
	2021/02/20 10:00	1	102	0.1	0.1
	2021/02/20 11:00	1	127	0.1	0.1
	2021/02/20 12:00	1.2	131	0.1	1.1
	2021/02/20 13:00	1.2	116	0.1	1.4
	2021/02/20 14:00	1.3	119	0.2	1.5
	2021/02/20 15:00	1.5	119	0.1	1.7
	2021/02/20 16:00	1.1	132	0.1	1.3
	2021/02/20 17:00	0.9	131	0.1	0.6
	2021/02/20 18:00	0.8	120	0.1	0.7
	2021/02/20 19:00	0.7	110	0.1	0.7
	2021/02/20 20:00	0.8	124	0.1	0.7

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/20 21:00	0.9	114	0.1	0.4
	2021/02/20 22:00	0.8	88	0.1	0.4
	2021/02/20 23:00	1	129	0.1	0.5
	2021/02/21 18:00	0.7	113	0.1	0.7
	2021/02/21 19:00	0.9	135	0.1	0.8
	2021/02/21 20:00	1	135	0.1	1
	2021/02/21 21:00	1.2	130	0.1	1.3
	2021/02/21 22:00	1.1	130	0.1	1.2
	2021/02/21 23:00	1.2	134	0.1	1.4
	2021/02/22 00:00	1.4	133	0.1	2
	2021/02/22 10:00	0.9	126	0.1	1.6
	2021/02/22 11:00	0.7	110	0.1	1.6
	2021/02/22 12:00	0.4	94	0.1	1.6
	2021/02/22 13:00	0.3	106	0.1	0.2
	2021/02/22 14:00	0.5	115	0.3	0.2
	2021/02/22 15:00	0.6	110	0.2	0.3
	2021/02/22 16:00	0.9	118	0.1	0.8
	2021/02/22 17:00	1.4	94	0.1	1.1
	2021/02/22 18:00	1.3	92	0.1	0.9
	2021/02/22 19:00	1.4	111	0.1	1
	2021/02/22 20:00	1.2	129	0.1	0.7
	2021/02/22 21:00	0.9	115	0.1	1.1
	2021/02/22 22:00	1.3	118	0.1	1.1
	2021/02/23 17:00	0.8	99	0.1	0
	2021/02/23 18:00	0.7	87	0.1	0.2
	2021/02/23 19:00	0.8	108	0.1	0.2
	2021/02/23 20:00	1.2	124	0.1	1.3
	2021/02/23 21:00	1.7	118	0.1	1.5
	2021/02/23 22:00	1.7	108	0.1	1.9
	2021/02/23 23:00	1.7	124	0.1	1.9
	2021/02/24 00:00	1.5	126	0.1	1.8
	2021/02/24 06:00	1.1	115	0.1	1.4
	2021/02/24 07:00	0.9	106	0.1	1.2
	2021/02/24 08:00	0.8	92	0.1	1.1
	2021/02/24 09:00	0.8	107	0.1	0.6
	2021/02/24 10:00	0.8	118	0.1	0.6
	2021/02/24 11:00	0.9	125	0.1	0.5
	2021/02/24 12:00	1	125	0.1	0.6
	2021/02/24 13:00	1	100	0.1	0.7
	2021/02/24 14:00	1.1	120	0.2	0.7
	2021/02/24 15:00	1.2	97	0.2	1
	2021/02/24 16:00	1.2	117	0.1	0.7
	2021/02/24 17:00	0.9	111	0.1	0.4
	2021/02/24 18:00	0.9	90	0.1	0.3
	2021/02/24 19:00	1	90	0.1	0.5
	2021/02/24 20:00	1.6	105	0.1	0.5

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/24 21:00	1.8	108	0.1	0.6
	2021/02/24 22:00	1.3	111	0.1	0.8
Unit 13	2021/02/01 17:00	0.9	122	0.1	0.9
	2021/02/01 18:00	1.1	115	0.2	1.2
	2021/02/01 19:00	0.9	108	0.1	2.2
	2021/02/01 20:00	0.8	110	0.2	0.9
	2021/02/01 21:00	0.7	115	0.1	0.5
	2021/02/01 22:00	0.9	113	0.1	0.4
	2021/02/01 23:00	1.3	112	0.1	0.8
	2021/02/02 11:00	1.8	140	0.2	0.4
	2021/02/02 12:00	1.3	132	0.1	0.5
	2021/02/02 13:00	1.7	133	0.1	0.6
	2021/02/02 14:00	1.7	129	0.1	1.2
	2021/02/02 15:00	1.4	133	0.1	0.8
	2021/02/02 16:00	0.2	126	0.1	1.2
	2021/02/02 17:00	0.2	131	0.1	1
	2021/02/02 18:00	0.1	132	0.1	0.9
	2021/02/02 19:00	0.2	139	0.1	1.1
	2021/02/02 20:00	0.5	129	0.1	0.6
	2021/02/02 21:00	0.4	140	0.2	0.5
	2021/02/02 22:00	0.4	120	0.1	0.6
	2021/02/02 23:00	0.2	137	0.2	0.7
	2021/02/03 11:00	1.5	131	0.1	0.1
	2021/02/03 12:00	1.3	122	0.1	0.6
	2021/02/03 13:00	1.4	125	0.2	0.5
	2021/02/03 14:00	1.6	124	0.2	0.6
	2021/02/03 15:00	1.5	115	0.1	0.8
	2021/02/03 16:00	0.9	115	0.2	0.4
	2021/02/03 17:00	0.5	108	0.1	0.3
	2021/02/03 18:00	0.3	106	0.2	0.1
	2021/02/03 19:00	0.4	105	0.1	0.4
	2021/02/03 20:00	1	115	0.1	0.2
	2021/02/03 21:00	1.1	114	0.1	0.4
	2021/02/05 05:00	0.6	112	0.1	0.8
	2021/02/05 06:00	0.6	103	0.1	1
	2021/02/05 07:00	0.6	106	0.1	0.9
	2021/02/05 08:00	0.3	94	0.1	0.3
	2021/02/05 09:00	0.5	117	0.2	0.1
	2021/02/05 10:00	0.7	116	0.1	0
	2021/02/05 11:00	0.9	117	0.1	0
	2021/02/05 12:00	1.3	113	0.1	0.5
	2021/02/05 13:00	1.4	101	0.1	0.5
	2021/02/05 14:00	1.4	93	0.1	0.8
	2021/02/05 15:00	1.4	109	0.1	0.7
	2021/02/05 16:00	0.9	94	0.2	0.4

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/05 17:00	0.9	102	0.1	0.8
	2021/02/05 18:00	0.6	106	0.1	0.3
	2021/02/05 19:00	0.5	96	0.1	0.3
	2021/02/05 20:00	0.9	86	0.2	1.1
	2021/02/05 21:00	1	90	0.1	1
	2021/02/05 22:00	0.8	84	0.1	1
	2021/02/05 23:00	0.9	90	0.2	0.8
	2021/02/06 10:00	1.2	98	0.1	0.1
	2021/02/07 18:00	0.6	126	0.1	0
	2021/02/07 19:00	0.6	127	0.2	0.3
	2021/02/07 20:00	1.1	133	0.1	0.7
	2021/02/07 21:00	0.8	108	0.2	0.4
	2021/02/07 22:00	0.8	106	0.1	0.4
	2021/02/07 23:00	1.2	110	0.2	0.3
	2021/02/08 08:00	0.6	112	0.1	0.3
	2021/02/08 09:00	0.4	109	0.1	0
	2021/02/08 10:00	1	104	0.1	0.2
	2021/02/08 11:00	1	119	0.1	0
	2021/02/08 12:00	0.9	135	0.1	0.3
	2021/02/08 13:00	1.5	129	0.1	0.6
	2021/02/08 14:00	1.8	129	0.2	0.6
	2021/02/08 15:00	1.7	128	0.1	0.6
	2021/02/08 16:00	1	126	0.1	0.5
	2021/02/08 17:00	1.1	119	0.2	1.1
	2021/02/08 18:00	0.6	118	0.1	1.2
	2021/02/08 19:00	0.3	116	0.1	0.6
	2021/02/08 20:00	1	118	0.2	0.1
	2021/02/08 21:00	1.3	118	0.2	0.2
	2021/02/08 22:00	0.8	104	0.1	0
	2021/02/08 23:00	0.8	111	0.2	0
	2021/02/09 00:00	0.9	116	0.1	0.8
	2021/02/09 01:00	0.9	102	0.2	1.2
	2021/02/09 05:00	0.6	122	0.1	1.1
	2021/02/09 06:00	0.5	116	0.2	1.2
	2021/02/09 07:00	0.6	115	0.1	1.3
	2021/02/09 08:00	0.4	106	0.2	1.8
	2021/02/09 09:00	0.5	115	0.1	0
	2021/02/09 10:00	1.3	118	0.2	0
	2021/02/09 11:00	2	125	0.1	0.2
	2021/02/09 12:00	0.9	126	0.1	0.2
	2021/02/09 13:00	1	125	0.1	0.2
	2021/02/09 14:00	1	124	0.1	0.3
	2021/02/09 15:00	0.8	126	0.1	0.4
	2021/02/09 16:00	0.3	122	0.1	0
	2021/02/09 17:00	0.3	121	0.1	0
	2021/02/09 18:00	0.2	119	0.1	0.1

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/09 19:00	0.2	115	0.1	0
	2021/02/09 20:00	0.9	121	0.2	0
	2021/02/09 21:00	0.8	112	0.1	0
	2021/02/09 22:00	0.9	110	0.1	0.2
	2021/02/09 23:00	1.2	117	0.1	0.2
	2021/02/10 00:00	1.2	119	0.2	0.4
	2021/02/10 03:00	1	101	0.1	0.8
	2021/02/10 04:00	0.6	91	0.1	0.6
	2021/02/10 05:00	0.7	91	0.2	0.7
	2021/02/10 06:00	0.8	93	0.1	0.9
	2021/02/10 07:00	0.5	92	0.1	0.7
	2021/02/10 08:00	0.3	118	0.1	0.3
	2021/02/10 09:00	0.4	98	0.1	0
	2021/02/10 10:00	0.9	94	0	0
	2021/02/10 11:00	1.5	104	0.1	0
	2021/02/10 12:00	0.4	94	0.2	0.1
	2021/02/10 13:00	0.4	92	0.1	0.2
	2021/02/10 14:00	0.5	92	0.1	0.2
	2021/02/10 15:00	0.5	91	0.2	0.3
	2021/02/10 16:00	0.5	94	0.1	0.4
	2021/02/10 17:00	0.4	92	0.1	0.7
	2021/02/10 18:00	0.1	99	0.2	0
	2021/02/10 19:00	0.2	110	0.1	0.2
	2021/02/10 20:00	1	112	0.1	0.5
	2021/02/10 21:00	0.7	102	0.1	0.2
	2021/02/11 17:00	0.3	100	0.1	0.3
	2021/02/11 18:00	0.2	88	0.2	0.3
	2021/02/11 19:00	0.2	106	0.1	0.2
	2021/02/11 20:00	1	87	0.1	0.6
	2021/02/11 21:00	1.2	87	0.1	0.5
	2021/02/11 22:00	1	86	0.1	0.3
	2021/02/11 23:00	1.1	96	0.1	0.4
	2021/02/12 18:00	1.8	98	0.2	1.6
	2021/02/12 19:00	1.9	91	0.1	1.4
	2021/02/12 20:00	0.9	99	0.2	1
	2021/02/12 21:00	0.7	107	0.2	0.2
	2021/02/12 22:00	0.8	111	0.2	0.3
	2021/02/12 23:00	1	112	0.1	0
	2021/02/13 00:00	0.6	109	0.1	0.2
	2021/02/13 15:00	2.4	95	0.1	0.8
	2021/02/13 16:00	0.7	90	0.1	0.5
	2021/02/13 17:00	0.5	96	0.1	0.2
	2021/02/13 18:00	0.4	90	0.1	0
	2021/02/13 19:00	0.6	107	0.1	0.1
	2021/02/13 20:00	0.6	110	0.2	0.2
	2021/02/13 21:00	0.2	95	0.1	0.2

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/13 22:00	0.1	103	0.1	0.1
	2021/02/19 21:00	1.2	131	0.1	0.8
	2021/02/20 07:00	0	99	0.1	0.5
	2021/02/20 08:00	0.7	100	0.1	0.5
	2021/02/20 09:00	0.6	95	0.2	0.5
	2021/02/20 10:00	0.9	99	0.1	0.4
	2021/02/20 11:00	1.2	102	0.1	0.6
	2021/02/20 12:00	1	105	0.2	1.1
	2021/02/20 13:00	1.1	103	0.2	1.1
	2021/02/20 14:00	1.2	107	0.1	1.4
	2021/02/20 15:00	1.2	105	0.1	1.3
	2021/02/20 16:00	0.4	121	0.2	1.2
	2021/02/20 17:00	0.5	108	0.1	0
	2021/02/20 18:00	0.5	100	0.1	0
	2021/02/20 19:00	0.5	100	0.1	0
	2021/02/20 20:00	0.4	123	0.1	0.4
	2021/02/20 21:00	0.6	116	0.1	0.5
	2021/02/20 22:00	0.5	90	0.2	0.8
	2021/02/20 23:00	0.3	127	0.2	0.6
	2021/02/21 20:00	1.1	143	0.2	0.2
	2021/02/21 21:00	1.3	142	0.2	0
	2021/02/21 22:00	1	142	0.2	0
	2021/02/21 23:00	1.2	146	0.1	0
	2021/02/22 00:00	0.4	142	0.1	0.5
	2021/02/22 11:00	0	118	0.1	0.3
	2021/02/22 12:00	0.8	107	0.2	0.2
	2021/02/22 13:00	0.7	113	0.2	0.1
	2021/02/22 14:00	0.6	120	0.2	0.1
	2021/02/22 15:00	1.1	116	0.1	0.2
	2021/02/22 16:00	0.7	119	0.2	0.3
	2021/02/22 17:00	0.5	98	0.1	0.3
	2021/02/22 18:00	0.4	98	0.2	0.3
	2021/02/22 19:00	0.7	113	0.2	0.5
	2021/02/22 20:00	0.4	127	0.1	0.2
	2021/02/22 21:00	0.2	114	0.1	0.3
	2021/02/22 22:00	0.1	119	0.2	0.2
	2021/02/23 16:00	0.9	100	0	1.2
	2021/02/23 17:00	0.6	91	0.1	0.8
	2021/02/23 18:00	0.7	92	0.2	1.1
	2021/02/23 19:00	1	111	0.1	1.6
	2021/02/23 20:00	0.8	128	0.1	0.9
	2021/02/23 21:00	0.9	121	0.2	0.5
	2021/02/23 22:00	0.9	111	0.1	0.8
	2021/02/23 23:00	0.5	124	0.1	0.5
	2021/02/24 00:00	1.1	135	0.1	0.4
	2021/02/24 06:00	0	108	0.1	0.5

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/24 07:00	0	109	0.1	0.5
	2021/02/24 08:00	0.6	101	0.1	0.4
	2021/02/24 09:00	1	119	0.1	0.1
	2021/02/24 10:00	1.3	130	0.2	0.1
	2021/02/24 11:00	1.4	136	0.1	0.1
	2021/02/24 12:00	1.2	133	0.2	0.2
	2021/02/24 13:00	1.2	112	0.1	0.2
	2021/02/24 14:00	1.1	125	0.2	0
	2021/02/24 15:00	1.1	106	0.1	0.1
	2021/02/24 16:00	1.4	124	0.1	0.2
	2021/02/24 17:00	1.4	120	0.1	0.4
	2021/02/24 18:00	1.5	104	0.1	0.3
	2021/02/24 19:00	1.6	100	0.2	0.4
	2021/02/24 20:00	1.5	109	0.1	0.7
	2021/02/24 21:00	1.5	106	0.2	0.9
	2021/02/24 22:00	0.8	109	0.2	0.9
Unit 21	2021/02/01 15:00	1.5	150	0	1.2
	2021/02/01 16:00	1.4	121	0	0.5
	2021/02/01 17:00	1.5	122	0	0.6
	2021/02/01 18:00	1.8	137	0	0.6
	2021/02/01 19:00	1.5	116	0	0.7
	2021/02/01 20:00	1.1	121	0	1.1
	2021/02/01 21:00	1.2	126	0	0.9
	2021/02/01 22:00	0.7	121	0	0.5
	2021/02/01 23:00	1.2	123	0	0.8
	2021/02/02 11:00	0.4	137	0	0.9
	2021/02/02 12:00	1.7	143	0	0.9
	2021/02/02 13:00	1.7	140	0	1.1
	2021/02/02 14:00	1.7	132	0	0.8
	2021/02/02 15:00	1.6	142	0	0.7
	2021/02/02 16:00	1.6	135	0	0.5
	2021/02/02 17:00	1.5	136	0	0.7
	2021/02/02 18:00	1.5	137	0	0.8
	2021/02/02 19:00	1.3	138	0	0.6
	2021/02/02 20:00	1.4	126	0	0.5
	2021/02/02 21:00	1.4	140	0	0.5
	2021/02/02 22:00	1	119	0	0.7
	2021/02/02 23:00	1.3	141	0	0.5
	2021/02/03 10:00	1.9	128	0	0.9
	2021/02/03 11:00	3.1	137	0	2.3
	2021/02/03 12:00	1.3	125	0	1.2
	2021/02/03 13:00	1	128	0	0.5
	2021/02/03 14:00	0.7	124	0	0.6
	2021/02/03 15:00	0.8	113	0	0.5
	2021/02/03 16:00	1.5	121	0	0.7

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/03 17:00	1.4	116	0	0.7
	2021/02/03 18:00	1.3	116	0	0.7
	2021/02/03 19:00	1.3	119	0	0.8
	2021/02/03 20:00	1.5	124	0	1.1
	2021/02/03 21:00	0.5	124	0	0.5
	2021/02/03 22:00	0.8	103	0	0.9
	2021/02/05 04:00	2.3	127	0	1.8
	2021/02/05 05:00	2.3	129	0	2
	2021/02/05 06:00	2.3	125	0	1.9
	2021/02/05 07:00	2.4	129	0	2.3
	2021/02/05 08:00	1.7	124	0	1.3
	2021/02/05 09:00	1.8	134	0	0.9
	2021/02/05 10:00	1.3	130	0	0.9
	2021/02/05 11:00	1	132	0	0.8
	2021/02/05 12:00	2	131	0	0.8
	2021/02/05 13:00	2.2	114	0	0.8
	2021/02/05 14:00	2.5	110	0	0.8
	2021/02/05 15:00	3.7	133	0	1.2
	2021/02/05 16:00	1.1	91	0	0.6
	2021/02/05 17:00	1	103	0	0.4
	2021/02/05 18:00	1.4	114	0	0.8
	2021/02/05 19:00	1.7	105	0	1.2
	2021/02/05 20:00	1.4	116	0	1.1
	2021/02/05 21:00	1.5	112	0	0.6
	2021/02/05 22:00	1.4	90	0	0.7
	2021/02/05 23:00	1.5	115	0	0.5
	2021/02/06 10:00	1.6	124	0	2.3
	2021/02/06 11:00	1.8	112	0	2.9
	2021/02/06 12:00	1.6	102	0	2.2
	2021/02/06 13:00	1.6	111	0	0.4
	2021/02/07 18:00	1.9	146	0	2
	2021/02/07 19:00	1.9	145	0	1.8
	2021/02/07 20:00	1.2	133	0	0.8
	2021/02/07 21:00	1.1	102	0	0.9
	2021/02/07 22:00	1	98	0	0.7
	2021/02/08 08:00	1.3	119	0	1.5
	2021/02/08 09:00	1.5	123	0	0.3
	2021/02/08 10:00	1.7	116	0	0.5
	2021/02/08 11:00	1.6	129	0	0.5
	2021/02/08 12:00	1.4	141	0	0.6
	2021/02/08 13:00	1.6	134	0	0.7
	2021/02/08 14:00	1.7	136	0	0.5
	2021/02/08 15:00	1.8	133	0	0.8
	2021/02/08 16:00	1.9	133	0	0.9
	2021/02/08 17:00	1.6	126	0	0.7
	2021/02/08 18:00	1.7	127	0	0.8

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/08 19:00	1.4	123	0	0.6
	2021/02/08 20:00	1.6	127	0	0.7
	2021/02/08 21:00	2.5	128	0	0.3
	2021/02/08 22:00	3	117	0	0.5
	2021/02/08 23:00	3.3	125	0	0.7
	2021/02/09 07:00	1.9	126	0	1.2
	2021/02/09 08:00	1	118	0	0.6
	2021/02/09 09:00	1.5	124	0	0.7
	2021/02/09 10:00	1.4	125	0	0.6
	2021/02/09 11:00	1.3	131	0	0.4
	2021/02/09 12:00	1.2	135	0	0.6
	2021/02/09 13:00	1.2	135	0	0.7
	2021/02/09 14:00	0.9	133	0	0.6
	2021/02/09 15:00	0.9	135	0	0.5
	2021/02/09 16:00	1.3	130	0	0.5
	2021/02/09 17:00	1.4	130	0	0.8
	2021/02/09 18:00	0.8	127	0	0.4
	2021/02/09 19:00	0.8	124	0	0.5
	2021/02/09 20:00	1.8	127	0	0.9
	2021/02/09 21:00	2.2	122	0	0.7
	2021/02/09 22:00	2	121	0	0.7
	2021/02/09 23:00	2.4	127	0	0.7
	2021/02/10 00:00	2.1	126	0	0.7
	2021/02/10 06:00	1.5	117	0	1.5
	2021/02/10 07:00	1.4	110	0	1.6
	2021/02/10 08:00	1.4	133	0	0.8
	2021/02/10 09:00	1.7	113	0	1
	2021/02/10 10:00	2	116	0	1.3
	2021/02/10 11:00	1.8	122	0	1.2
	2021/02/10 12:00	1.8	121	0	2.2
	2021/02/10 13:00	1.8	116	0	2.2
	2021/02/10 14:00	1.6	109	0	2.3
	2021/02/10 15:00	2.5	104	0	0.9
	2021/02/10 16:00	1.7	106	0	0.6
	2021/02/10 17:00	1.8	104	0	0.3
	2021/02/10 18:00	2.3	116	0	0.7
	2021/02/10 19:00	2.2	113	0	0.6
	2021/02/10 20:00	1.1	121	0	0.5
	2021/02/10 21:00	1	111	0	0.4
	2021/02/10 22:00	1	101	0	0.2
	2021/02/10 23:00	1.1	115	0	0.6
	2021/02/11 10:00	1.4	129	0	0.5
	2021/02/11 11:00	1.8	128	0	0.5
	2021/02/11 12:00	1.7	126	0	0.7
	2021/02/11 13:00	1.7	127	0	0.7
	2021/02/11 14:00	1.5	117	0	0.8

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/11 15:00	1.7	109	0	0.8
	2021/02/11 16:00	1.3	111	0	0.4
	2021/02/11 17:00	1.1	103	0	0.5
	2021/02/11 18:00	1.5	113	0	0.3
	2021/02/11 19:00	1.4	111	0	0.4
	2021/02/11 20:00	1.8	92	0	1.4
	2021/02/11 21:00	2.2	92	0	1.6
	2021/02/11 22:00	2.2	95	0	2
	2021/02/11 23:00	2.1	103	0	1.9
	2021/02/12 18:00	0.8	110	0	0.6
	2021/02/12 19:00	1.4	102	0	0.5
	2021/02/12 20:00	1.5	105	0	1.2
	2021/02/12 21:00	1.6	111	0	1.1
	2021/02/12 22:00	1.6	111	0	1.5
	2021/02/12 23:00	1.6	115	0	1
	2021/02/13 00:00	1.3	116	0	0.5
	2021/02/13 12:00	2.3	124	0	1.5
	2021/02/13 13:00	1.9	120	0	0.7
	2021/02/13 14:00	1.7	113	0	0.7
	2021/02/13 15:00	1.6	101	0	0.7
	2021/02/13 16:00	1.5	100	0	0.9
	2021/02/13 17:00	1.5	104	0	0.8
	2021/02/13 18:00	1.7	104	0	1.4
	2021/02/13 19:00	1.8	115	0	1.4
	2021/02/13 20:00	1.8	104	0	0.8
	2021/02/13 21:00	1.8	104	0	0.7
	2021/02/13 22:00	1.6	109	0	0.6
	2021/02/20 19:00	2.2	104	0	1.2
	2021/02/20 20:00	1.5	128	0	1.1
	2021/02/20 21:00	1.6	129	0	0.6
	2021/02/20 22:00	1	118	0	0.4
	2021/02/20 23:00	0.8	136	0	0.4
	2021/02/21 00:00	1.1	115	0	0.8
	2021/02/21 01:00	1	129	0	0.8
	2021/02/21 19:00	1.4	124	0	0.7
	2021/02/21 20:00	1.5	116	0	0.8
	2021/02/21 21:00	1.9	100	0	0.9
	2021/02/21 22:00	2	124	0	0.9
	2021/02/21 23:00	2	143	0	1
	2021/02/22 00:00	1.7	128	0	0.9
	2021/02/22 11:00	0.3	122	0	1
	2021/02/22 12:00	0.7	99	0	0.6
	2021/02/22 13:00	1	112	0	0.5
	2021/02/22 14:00	1.1	115	0	0.5
	2021/02/22 15:00	1.3	118	0	0.6
	2021/02/22 16:00	1.3	125	0	0.5

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/22 17:00	1.5	105	0	0.5
	2021/02/22 18:00	1.6	110	0	0.4
	2021/02/22 19:00	1.6	122	0	0.3
	2021/02/22 20:00	2.3	142	0	0.7
	2021/02/22 21:00	2.9	129	0	0.9
	2021/02/22 22:00	3.1	136	0	0.9
	2021/02/22 23:00	2.3	123	0	0.9
	2021/02/23 17:00	1.5	99	0	1.4
	2021/02/23 18:00	1.6	91	0	1.6
	2021/02/23 19:00	1.7	116	0	1.4
	2021/02/23 20:00	1.8	134	0	1
	2021/02/23 21:00	1.6	129	0	0.8
	2021/02/23 22:00	1.7	119	0	1.2
	2021/02/23 23:00	2	136	0	1.5
	2021/02/24 00:00	1.7	135	0	1
	2021/02/24 06:00	1.2	123	0	1.4
	2021/02/24 07:00	1.3	113	0	1.3
	2021/02/24 08:00	0.4	106	0	0.7
	2021/02/24 09:00	0.2	113	0	0.1
	2021/02/24 10:00	0.4	128	0	0.4
	2021/02/24 11:00	0.7	137	0	0.4
	2021/02/24 12:00	1.4	135	0	0.6
	2021/02/24 13:00	1.6	109	0	0.7
	2021/02/24 14:00	1.8	129	0	0.8
	2021/02/24 15:00	1.6	105	0	0.8
	2021/02/24 16:00	1.7	126	0	0.5
	2021/02/24 17:00	1.7	123	0	0.4
	2021/02/24 18:00	1.9	108	0	0.5
	2021/02/24 19:00	1.2	102	0	0.5
	2021/02/24 21:00	2.1	121	0	0.7
	2021/02/24 22:00	1.5	125	0	0.7
Unit 22	2021/02/01 15:00	1.1	143	0	0.8
	2021/02/01 16:00	1.4	122	0	0.3
	2021/02/01 17:00	1.4	124	0	0.2
	2021/02/01 18:00	1.4	135	0	0.2
	2021/02/01 19:00	1.3	114	0	0.1
	2021/02/01 20:00	2	122	0	0.2
	2021/02/01 21:00	2	128	0	0
	2021/02/01 22:00	1.4	124	0	0
	2021/02/01 23:00	1.1	124	0	0.1
	2021/02/02 11:00	3.7	140	0	2.3
	2021/02/02 12:00	2.4	141	0	0.6
	2021/02/02 13:00	2	139	0	0.1
	2021/02/02 14:00	2.1	132	0	0.2
	2021/02/02 15:00	2.1	139	0	0.2

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/02 16:00	2.2	138	0	0.2
	2021/02/02 17:00	2	140	0	0.3
	2021/02/02 18:00	1.7	140	0	0.2
	2021/02/02 19:00	1.7	142	0	0.1
	2021/02/02 20:00	2.2	132	0	0.2
	2021/02/02 21:00	2.2	146	0	0.2
	2021/02/02 22:00	2	129	0	0.2
	2021/02/02 23:00	2.1	147	0	0.3
	2021/02/03 10:00	2.3	125	0	0.8
	2021/02/03 11:00	1.9	132	0	0.4
	2021/02/03 12:00	2.3	129	0	0.1
	2021/02/03 13:00	2.1	132	0	0.2
	2021/02/03 14:00	1.8	130	0	0.1
	2021/02/03 15:00	1.5	119	0	0.1
	2021/02/03 16:00	1.8	119	0	0
	2021/02/03 17:00	1.6	116	0	0.2
	2021/02/03 18:00	1.5	114	0	0.1
	2021/02/03 19:00	1.3	117	0	0.2
	2021/02/03 20:00	1.9	123	0	0.1
	2021/02/03 21:00	2.1	126	0	0.1
	2021/02/03 22:00	2	106	0	0.3
	2021/02/04 12:00	1.4	130	0	3.9
	2021/02/04 13:00	0.4	116	0	0
	2021/02/04 14:00	0.2	117	0	0
	2021/02/04 15:00	0.3	107	0	0
	2021/02/04 16:00	2	125	0	0.2
	2021/02/04 17:00	2	116	0	0.2
	2021/02/04 18:00	1.7	105	0	0.2
	2021/02/04 19:00	1.9	119	0	0.4
	2021/02/04 20:00	2.2	126	0	0.1
	2021/02/04 21:00	2.5	124	0	0.3
	2021/02/04 22:00	2.6	119	0	0.3
	2021/02/04 23:00	2.6	124	0	0.2
	2021/02/05 00:00	1.6	118	0	0.3
	2021/02/05 05:00	0.3	130	0	0
	2021/02/05 06:00	0.2	125	0	0
	2021/02/05 07:00	0.1	127	0	0
	2021/02/05 08:00	2.5	121	0	0.3
	2021/02/05 09:00	2.4	126	0	0.2
	2021/02/05 10:00	3	123	0	0.6
	2021/02/05 11:00	3.4	126	0	0.8
	2021/02/05 12:00	2.2	123	0	0.4
	2021/02/05 13:00	1.8	107	0	0.3
	2021/02/05 14:00	1.5	103	0	0.3
	2021/02/05 15:00	1.5	123	0	0.1
	2021/02/05 16:00	1.5	97	0	0.2

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/05 17:00	1.7	107	0	0.3
	2021/02/05 18:00	1.5	114	0	0.2
	2021/02/05 19:00	1.6	108	0	0.3
	2021/02/05 20:00	2.2	109	0	0.3
	2021/02/05 21:00	2.3	106	0	0.3
	2021/02/05 22:00	2	91	0	0.1
	2021/02/05 23:00	1.9	110	0	0.1
	2021/02/06 10:00	0.9	116	0	0.7
	2021/02/06 11:00	0.3	104	0	0.2
	2021/02/06 12:00	2.1	101	0	0.3
	2021/02/07 18:00	0.4	129	0	0
	2021/02/07 19:00	0	132	0	0
	2021/02/07 20:00	1.9	127	0	0.3
	2021/02/07 21:00	1.9	105	0	0.4
	2021/02/07 22:00	1.9	103	0	0.4
	2021/02/07 23:00	2.1	117	0	0.7
	2021/02/08 07:00	0.5	106	0	0.3
	2021/02/08 08:00	2	126	0	0.2
	2021/02/08 09:00	1.8	120	0	0.3
	2021/02/08 10:00	2.2	126	0	0.6
	2021/02/08 11:00	2.9	135	0	0.9
	2021/02/08 12:00	2.3	139	0	0.4
	2021/02/08 13:00	2.8	134	0	0.4
	2021/02/08 14:00	2.8	134	0	0.3
	2021/02/08 15:00	2.4	134	0	0.2
	2021/02/08 16:00	1.8	128	0	0.4
	2021/02/08 17:00	1.5	121	0	0.3
	2021/02/08 18:00	1.2	125	0	0.1
	2021/02/08 19:00	1	123	0	0.3
	2021/02/08 20:00	2.2	123	0	0.3
	2021/02/08 21:00	3	125	0	0.2
	2021/02/08 22:00	2.5	111	0	0.2
	2021/02/08 23:00	1.7	121	0	0.4
	2021/02/09 00:00	1.9	130	0	0.3
	2021/02/09 01:00	1.4	117	0	0.2
	2021/02/09 05:00	0.8	132	0	0.1
	2021/02/09 06:00	0.2	127	0	0.1
	2021/02/09 07:00	0.2	120	0	0.1
	2021/02/09 08:00	1.9	116	0	0.3
	2021/02/09 09:00	2.5	124	0	0.5
	2021/02/09 10:00	3.4	120	0	0.8
	2021/02/09 11:00	3.8	130	0	1.1
	2021/02/09 12:00	2.3	123	0	0.5
	2021/02/09 13:00	2.2	130	0	0.3
	2021/02/09 14:00	2	129	0	0.4
	2021/02/09 15:00	1.6	130	0	0.2

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/09 16:00	2.2	129	0	0.1
	2021/02/09 17:00	2.1	128	0	0.3
	2021/02/09 18:00	1.9	127	0	0.1
	2021/02/09 19:00	1.8	122	0	0.1
	2021/02/09 20:00	2.1	120	0	0.2
	2021/02/09 21:00	2.1	117	0	0.2
	2021/02/09 22:00	2.2	109	0	0.2
	2021/02/09 23:00	2.8	120	0	0.3
	2021/02/10 03:00	2.6	114	0	0.6
	2021/02/10 04:00	1.7	100	0	0.5
	2021/02/10 05:00	2.3	111	0	0.5
	2021/02/10 06:00	2.1	100	0	0.7
	2021/02/10 07:00	2.1	120	0	0.5
	2021/02/10 08:00	1.9	123	0	0.5
	2021/02/10 09:00	2.5	112	0	0.8
	2021/02/10 10:00	2.9	117	0	1.2
	2021/02/10 11:00	3.5	120	0	1.8
	2021/02/10 12:00	2.2	118	0	0.4
	2021/02/10 13:00	2.1	116	0	0.4
	2021/02/10 14:00	1.9	108	0	0.4
	2021/02/10 15:00	1.7	114	0	0.4
	2021/02/10 16:00	1.4	111	0	1.2
	2021/02/10 17:00	1.1	113	0	0
	2021/02/10 18:00	1.9	116	0	0
	2021/02/10 19:00	1.9	112	0	0.1
	2021/02/10 20:00	1.9	104	0	0.1
	2021/02/10 21:00	1.9	112	0	0.1
	2021/02/10 22:00	1.8	109	0	0.1
	2021/02/10 23:00	1.6	120	0	0
	2021/02/11 10:00	0.7	126	0	0.2
	2021/02/11 11:00	0	125	0	0
	2021/02/11 12:00	2.5	129	0	0.3
	2021/02/11 13:00	2.7	128	0	0.4
	2021/02/11 14:00	2.8	119	0	0.5
	2021/02/11 15:00	2.9	115	0	0.4
	2021/02/11 16:00	2.2	113	0	0.3
	2021/02/11 17:00	1.8	113	0	0.1
	2021/02/11 18:00	1.4	115	0	0.2
	2021/02/11 19:00	1.5	112	0	0.1
	2021/02/11 20:00	2	96	0	0.2
	2021/02/11 21:00	2.2	99	0	0.2
	2021/02/11 22:00	1.6	102	0	0.2
	2021/02/11 23:00	1.7	109	0	0.2
	2021/02/12 00:00	2.2	97	0	0.3
	2021/02/12 13:00	0.7	119	0	0
	2021/02/12 14:00	0.2	118	0	0

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/12 15:00	0.1	108	0	0
	2021/02/12 16:00	2.3	102	0	0.2
	2021/02/12 17:00	2.5	101	0	0.3
	2021/02/12 18:00	2.3	109	0	0.2
	2021/02/12 19:00	2.3	100	0	0.2
	2021/02/12 20:00	2.3	109	0	0.2
	2021/02/12 21:00	2	116	0	0.1
	2021/02/12 22:00	2	117	0	0.1
	2021/02/12 23:00	2	120	0	0.2
	2021/02/13 00:00	2.1	118	0	0.3
	2021/02/13 01:00	2	105	0	0.2
	2021/02/13 12:00	1.5	124	0	0.3
	2021/02/13 13:00	0.4	117	0	0
	2021/02/13 14:00	0.4	117	0	0
	2021/02/13 15:00	0.2	98	0	0
	2021/02/13 16:00	1.7	99	0	0.4
	2021/02/13 17:00	1.6	104	0	0
	2021/02/13 18:00	1.4	105	0	0
	2021/02/13 19:00	1.3	114	0	0
	2021/02/13 20:00	2.2	103	0	0.3
	2021/02/13 21:00	2.4	105	0	0.3
	2021/02/13 22:00	2.6	110	0	0.2
	2021/02/19 21:00	0.7	127	0	0
	2021/02/20 06:00	0.8	112	0	0.6
	2021/02/20 07:00	0.1	132	0	0.1
	2021/02/20 08:00	2.1	139	0	0
	2021/02/20 09:00	1.7	119	0	0
	2021/02/20 10:00	1.6	120	0	0
	2021/02/20 11:00	1.8	132	0	0
	2021/02/20 12:00	2.3	138	0	0.2
	2021/02/20 13:00	2.4	140	0	0.2
	2021/02/20 14:00	2.7	140	0	0.4
	2021/02/20 15:00	2.9	137	0	0.5
	2021/02/20 16:00	2	140	0	0.3
	2021/02/20 17:00	2	140	0	0.3
	2021/02/20 18:00	1.9	135	0	0.2
	2021/02/20 19:00	1.8	124	0	0.4
	2021/02/20 20:00	2.1	135	0	0.5
	2021/02/20 21:00	1.9	134	0	0.1
	2021/02/20 22:00	1.9	124	0	0
	2021/02/20 23:00	1.7	140	0	0
	2021/02/21 00:00	1.8	115	0	0.2
	2021/02/21 01:00	2.1	129	0	0.2
	2021/02/21 18:00	0.5	139	0	0.1
	2021/02/21 19:00	0	143	0	0
	2021/02/21 20:00	2	145	0	0.1

	Date & time	CO (mg/Nm ³)	NO _x (mg/Nm ³)	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)
	2021/02/21 21:00	2	141	0	0
	2021/02/21 22:00	1.8	134	0	0.2
	2021/02/21 23:00	2.1	120	0	0.2
	2021/02/22 00:00	1.9	127	0	0.1
	2021/02/22 10:00	2.9	132	0	1.3
	2021/02/22 11:00	2.4	121	0	1.1
	2021/02/22 12:00	1.8	105	0	1.5
	2021/02/22 13:00	2.1	117	0	0.1
	2021/02/22 14:00	2.6	119	0	0.1
	2021/02/22 15:00	2.5	123	0	0.1
	2021/02/22 16:00	1.7	127	0	0
	2021/02/22 17:00	1.7	107	0	0.2
	2021/02/22 18:00	1.6	111	0	0.1
	2021/02/22 19:00	1.7	121	0	0.1
	2021/02/22 20:00	2.1	139	0	0.3
	2021/02/22 21:00	2.1	125	0	0
	2021/02/22 22:00	2.2	133	0	0.1
	2021/02/23 16:00	1.2	117	0	0
	2021/02/23 17:00	0.7	98	0	0
	2021/02/23 18:00	0.4	112	0	0
	2021/02/23 19:00	0.5	116	0	0
	2021/02/23 20:00	2.3	136	0	0.2
	2021/02/23 21:00	2.1	130	0	0.3
	2021/02/23 22:00	2.2	120	0	0.1
	2021/02/23 23:00	1.9	133	0	0.1
	2021/02/24 00:00	2.1	136	0	0.2
	2021/02/24 06:00	0.2	121	0	0
	2021/02/24 07:00	0	112	0	0
	2021/02/24 08:00	2.1	112	0	0.2
	2021/02/24 09:00	2.2	115	0	0.2
	2021/02/24 10:00	2.2	128	0	0.2
	2021/02/24 11:00	2.6	136	0	0.2
	2021/02/24 12:00	2	133	0	0.3
	2021/02/24 13:00	1.7	107	0	0.1
	2021/02/24 14:00	1.9	127	0	0.1
	2021/02/24 15:00	2	124	0	0.1
	2021/02/24 16:00	2.1	122	0	0.2
	2021/02/24 17:00	1.9	120	0	0.2
	2021/02/24 18:00	1.5	105	0	0.1
	2021/02/24 19:00	1.4	101	0	0.1
	2021/02/24 20:00	1.9	112	0	0.1
	2021/02/24 21:00	2.7	112	0	0
	2021/02/24 22:00	1.9	123	0	0

Table 3 b **Total Emissions**

	CO mass (kg)	NO _x mass (kg)	PM mass (kg)	SO ₂ mass (kg)
TOTAL	4 491	110 050	9	434

Table 4: Each unit and respective days operating under normal operation

Unit	Hours operating under normal operation	Test-run hours	Total
11	275	0	275
12	257	0	257
13	237	0	237
21	236	0	236
22	287	0	287
<i>Total</i>	1 292	0	1 292

Table 5 **Continuous Emission Monitoring System (CEMS) availability**

Associated Unit	Technology Type	Actual Utilisation (%) for the month of February
Unit 11	CEMS	100%
Unit 12	CEMS	100%
Unit 13	CEMS	100%
Unit 21	CEMS	100%
Unit 22	CEMS	100%

NOTE: Continuous Emission Monitoring System (CEMS) is always online unless a fault is reported. The system auto calibrates every four (4) hours and raises an alarm if auto calibration is out of spec. Onsite technicians calibrate the system with calibration gas annually.

Table 6 Average Point Source Emissions released during start-up, maintenance and shut down for the month of February 2021 in mg/Nm³

Associated Unit	NO _x	SO ₂
Unit 11	117.0638	4.600
Unit 12	92.1702	6.191
Unit 13	114	4.68
Unit 21	118.5	4.310
Unit 22	106.866	2.771

4. Comments on the performance

- All 5 units were available to generate power for the month of February 2021
- **Leak detection and Repair programme** – No leaks were reported during February 2021.

5. Load Factor: 24.4%

6. Complaints Register

Table 7. Complaints

Source Code/ Name	Root Cause Analysis	Calculation of Impacts/ emissions associated with the incident	Dispersion modelling of pollutants where applicable	Measures implemented to prevent reoccurrence	Date by which measure will be implemented
<i>None</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

9 General

The rest of the information demonstrating compliance with the emission license conditions is supplied in the annual emission reports sent to your office.

Do not hesitate to contact Hilton Westman 021-9415856 for any related queries.

Yours sincerely

Pamela Mrubata
PLANT MANAGER GAS